

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-133/HYD

Mine code : 38APR11075

- (i) Name of the Inspecting : PG01) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri N. vamshi krishna, Lessee,s son.
Official with
Designation
- (iv) Date of Inspection : 14/06/2017
- (v) Prev.inspection date : 19/08/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : PALKUR L.ST MINE
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : PALKUR
- Taluka : BANAGANAPALLE
- Post office : PALKUR
- Pin Code : 518176
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : BANGANAPALLI
- (g) **First opening date** : 17/07/1998
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : N.DAKSHINAMURTHY,
MINE OWNER, NEAR OLD BUS STAND,
BANGANAPALLI, KUNOOL DISTRICT.
3. (a) **Lease Number** : APR1434
- (b) **Lease area** : 2.31
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 18/07/2019
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : N. DAKSHINA MURTHY
 NEAR OLD BUS STAND MANDAL
 BANAGANAPALLI DIST KURNOOL.
 KURNOOL ANDHRA PRADESH
 Phone:08515 - 27007.
 FAX :

Owner : N. DAKSHINA MURTHY.
 NEAR OLD BUS STAND, MANDAL
 BANAGANAPALLI, DISTRICT
 KURNOOL. KURNOOL ANDHRA
 PRADESH
 Phone: 08515 - 27007
 FAX :

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| 6. Date of approval of Mining | : | Fresh under rule 22 MCR1960 | 20/03/1998 |
| Plan/Scheme of Mining | | Mining Scheme rule 12 MCDR1988 | 05/05/2009 |
| | | Mining Scheme rule 12 MCDR1988 | 03/06/2009 |

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|---|--------------|-------------|--|
| 1a | Backlog of previous year | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 1b | Exploration over lease area for geological axis 1 or 2 | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 1c | Exploration Agencies and Expenditure in lakh rupees during the year | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 1d | Balance area to be explored to bring Geological axis in 1 or 2 | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 1e | Balance reserve as on 01/04/20 | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 1f | General remarks of inspecting officers on geology, exploration etc | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |

Development :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|--|--------------|-------------|--|
| 2a | Location of development w.r.t.lease area | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 2b | Separate benches in topsoil, overburden and minerals (Rule 15) | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 2c | Stripping ratio or ore to OB ratio | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 2d | Quantity of topsoil generation in m3 | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |

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|----|---|--------------|-----|--|
| 2e | Quantity of overburden generation in m3 | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 2f | General remarks of inspecting officers on development of pit w.r.t. type of deposit etc | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |

Exploitation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|---|--------------|--------------------|--|
| 3a | Number of pit proposed for production | No proposal. | one pit 60 x15 x2m | Mining scheme is due so Violation issued to the party. |
| 3b | Quantity of ROM mineral production proposed | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3c | Recovery of sailable/usable mineral from ROM production | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3d | Quantity of mineral reject generation | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3e | Grade of mineral rejects generation and threshold value declared. | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3f | Quantity of sub grade mineral generation. | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3g | Grade of sub grade mineral generation | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3h | Manual / Mechanised method adopted for segregating from ROM | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |

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| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects. | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 3j | Provision of drilling and blasting in mineral benches | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 3k | Provision of mining machineries in mineral benches | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | No proposal. | N.A | Mining scheme is due so Violation issued to the party. |
| 3m | Total area covered under excavation/pits | No proposal. | 0.09ha. | Mining scheme is due so Violation issued to the party. |
| 3n | Ore to OB ratio for the pit/mine during the year. | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3o | Total area put in use under different heads at the end of year | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 3p | Production of ROM mineral during the last five year period as applicable | 2012-2013 =1875 T; 2013-14 = 20000 T ; 2014-15 to 2016-17 No approved proposal. | 2012-13 =2260 T; 2013-14 =1200 T ; 2014-15 =535 T ;2015-16 =100 T;2016-17= Nil | Mining scheme is due so Violation issued to the party. |
| 3q | General remarks of inspecting officers on method of mining etc. | No valid proposal. | Mining method is open cast manual method. | Mining scheme is due so Violation issued to the party. |

Solid Waste Management - Dumping:

| Sl.No. | Item | Propasals | Actual work | Remarks |
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|----|--|--------------|-----|--|
| 4a | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 4b | Location of topsoil, OB and mineral reject dumps | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 4c | Number of dumps within lease area and outside of lease area | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16) | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 4e | Number of active and alive dumps. | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 4f | Number of dead dumps. | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 4g | Number of dumps established. | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 4h | Whether Retaining wall or garland drain all along dumps are there. | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 4i | Length of Retaining wall or garland drain all along dumps | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 4j | Number of settling ponds | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 4k | Specific comments of inspecting officer on waste dump management | N.A | Nil | Mining scheme is due so Violation issued to the party. |

Solid Waste Management - Backfilling:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
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|----|---|---------------|-----|--|
| 5a | Status of part or full extraction of mineral from mined out area before starting backfilling. | No proposal. | Nil | The area is not matured for backfilling. |
| 5b | Area under backfilling of mined out area | No preoposal. | Nil | The area is not matured for backfilling. |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32) | No proposal. | Nil | The area is not matured for backfilling. |
| 5d | Total area fully reclaimed and rehabilitated | No proposal. | Nil | The area is not matured for backfilling. |
| 5e | General remarks of inspecting officers on backfilling and reclamation etc. | No proposal. | Nil | The area is not matured for backfilling. |

Progressive Mine Clousre Plan:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|--|----------------|-------------|--|
| 6a | Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2). | Not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 6b | Area available for rehabilitation (ha) . | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6c | afforestation done (ha). | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6d | No. of saplings planted during the year | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6e | Cumulative no .of plants | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |

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|----|---|--------------|-----|--|
| 6f | Any other method of rehabilitation | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6g | Cost incurred on watch and care during the year | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6i | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6j | Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 6k | Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6l | Compliance on reclamation and rehabilitation by backfilling (v) any other specific means. | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6m | Compliance of rehabilitation of waste land within lease (i) afforestation | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6n | Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha) | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6o | Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |

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| 6p | Compliance of environmental monitoring (core zone and buffer zone) | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |

Mineral Conservation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|--|--------------|--------------------------------------|--|
| 7a | ROM Mineral dispatch or grade-wise sorting within lease area | N>A | Mineral is one grade in powder form. | Mining scheme is due so Violation issued to the party. |
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical. | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 7c | Different grade of mineral sorted out at mines. | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 7d | Any beneficiation process at mines . | N.A | Nil | Mining scheme is due so Violation issued to the party. |
| 7e | General remarks of inspecting officer on Mineral conservation and beneficiation issues | NO proposal. | Minreal is one grade in powder form. | Mining scheme is due so Violation issued to the party. |

Environment:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|---|--------------|----------------------------------|--|
| 8a | Separate removal and utilization of topsoil (Rule 32) | No proposal. | There is no top soil generation. | Mining scheme is due so Violation issued to the party. |

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|----|---|--------------|--|--|
| 8b | Concurrent use or storage of topsoil | N.A | There is no topsoil generation. | Mining scheme is due so Violation issued to the party. |
| 8c | Separate dumps for overburden, waste rock, rejects and fines (Rule 33) | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 8f | Baseline information on existence of plantation and additional plantation done (Rule 41) | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 8g | Survival rate | No proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 8h | Water sprinkling on roads to control airborne dust | NO proposal. | Nil | Mining scheme is due so Violation issued to the party. |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area | No proposal. | Except degraded area rest of the area not distrubed. | Mining scheme is due so Violation issued to the party. |

Compliance of Rule 45:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
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|----|---|------------------------------|-----|--|
| 9a | Status of submission of Monthly and Annual returns | Annual return not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | Annual return not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Annual return not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 9d | Scrutiny of Annual return on afforestation | Not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade and quantity) | Not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore | Not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price and production cost | Not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 9h | Scrutiny of Annual return on fixed assets | Not submitted. | Nil | Mining scheme is due so Violation issued to the party. |
| 9k | Scrutiny of Annual return on mining machineries | N.A | Nil | Mining scheme is due so Violation issued to the party. |

Details of violations observed during current inspection and compliance position of violation pointed out

| Violation observed | | | Show couse position | | |
|--------------------|--------------|---------------|---------------------|-----------|---------------|
| Rule NO. | Issued on | Compliance on | Rule NO. | Issued on | Compliance on |
| MCDR17 | Rule 11(4) | 30/06/2017 | | | |
| MCDR17 | Rule 45(5)(k | 30/06/2017 | | | |

Date :

(P.GURUVAIAH)

Indian Bureau of Mines